



1FW\$  
C.C.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hye-yeon Kim et al.

Application No.: 10/717,621

Filing Date: November 21, 2003

Title: APPARATUS AND METHOD FOR  
ENHANCING QUALITY OF  
REPRODUCED IMAGE

Group Art Unit: 2624

Examiner: Nathan J Bloom

Confirmation No.: 8611

THIRD  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☒ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☒ Charge \$ 180 to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date December 24, 2008

By:

  
Charles F. Wieland III  
Registration No. 33096

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Hye-yeon Kim et al.	)	Group Art Unit: 2624
Application No.: 10/717,621	)	Examiner: Nathan J Bloom
Filed: November 21, 2003	)	Confirmation No.: 8611
For: APPARATUS AND METHOD FOR	)	
ENHANCING QUALITY OF	)	
REPRODUCED IMAGE	)	
	)	
	)	

**THIRD INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the cited documents, other than the U.S. patents and U.S. patent application publications, is enclosed.

The listed Japanese documents were cited in an Office Action dated September 9, 2008, in a corresponding Japanese application. A copy of the Office Action is being submitted herewith.

JP 2002-515988 corresponds to WO 99/00785, which was cited in the First Information Disclosure Statement filed on April 2, 2004.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is enclosed.

12/29/2008 SHOHAMME 00000002 10717621

01 FC:1806

180.00 OP


To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: December 24, 2008

By:



Charles F. Wieland III  
Registration No. 33096

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620